

I Claim:

1. A collection bag adapted for communicating with a male incontinence device designed to cover a portion of the penis, said collection bag comprising:

(a) first and second opposing flexible side walls joined together and forming a fluid container for holding urine; and

(b) a cylindrical bag neck formed with said first and second side walls and defining a mouth for receiving urine passed through the incontinence device and into said fluid container, said bag neck comprising a rigid valve cap, and said valve cap comprising:

(i) an internal check valve for controlling urine flow outwardly from and into the incontinence device;

(ii) multiple circumferentially-spaced indexing elements; and

(iii) said indexing elements cooperating to position said valve cap relative to the incontinence device, such that said check valve is locatable in a single operative orientation.

2. A collection bag according to claim 1, wherein said valve cap comprises an enlarged-diameter connecting portion adapted for receiving an open end of the incontinence device, and an integrally-formed, reduced-diameter cylindrical valve housing containing said check valve.

3. A collection bag according to claim 2, wherein said indexing elements are spaced-apart along an inner circumference of the connecting portion of said valve cap.

4. A collection bag according to claim 2, wherein an outer circumference of said connecting portion comprises visual markers adapted to facilitate application of said rigid valve cap to the incontinence device.
5. A collection bag according to claim 2, and comprising a perforated inlet wall formed within said valve housing.
6. A collection bag according to claim 5, wherein said check valve comprises a pivoted disk residing in a normally closed position seated against said perforated inlet wall to restrict back flow of fluid from said fluid container to the incontinence device, and when under a minimum crack pressure, said pivoted disk moving to a temporarily open position away from the perforated inlet wall to allow free fluid flow from the incontinence device to said fluid container.
7. A collection bag according to claim 6, and comprising a retainer ring residing inside said valve housing and adapted for holding said pivoted disk in position adjacent the perforated inlet wall.
8. A collection bag according to claim 6, wherein said pivoted disk is formed of a flexible elastomer.
9. A collection bag according to claim 1, wherein at least one of said opposing side walls is at least semi-transparent.

10. An incontinence management system, comprising:
- (a) an elongated receptacle designed to cover a portion of the penis; and
 - (b) a collection bag communicating with said receptacle, and comprising:
 - (i) first and second opposing flexible side walls joined together and forming a fluid container for holding urine; and
 - (ii) a cylindrical bag neck formed with said first and second side walls and defining a mouth for receiving urine passed through the incontinence device and into said fluid container, said bag neck comprising a rigid valve cap, and said valve cap comprising:
 - an internal check valve for controlling urine flow outwardly from and into the incontinence device;
 - multiple circumferentially-spaced indexing elements; and
 - said indexing elements cooperating to position said valve cap relative to the incontinence device, such that said check valve is locatable in a single operative orientation.
11. An incontinence management system according to claim 10, wherein said receptacle comprises an outer shape-retaining shell having a reduced-diameter receptacle neck defining an open end communicating with the mouth of said bag neck.
12. An incontinence management system according to claim 11, wherein said valve cap comprises an enlarged-diameter connecting portion receiving the open end of said receptacle neck, and an integrally-formed, reduced-diameter cylindrical valve housing containing said check valve.

13. An incontinence management system according to claim 12, wherein said receptacle neck comprises complementary indexing elements cooperating with the indexing elements of said valve cap to locate said check valve in its single operative orientation.

14. An incontinence management system according to claim 13, wherein the indexing elements of said valve cap comprise first and second fingers extending radially inward from an inner circumference of said connecting portion, and wherein the indexing elements of said receptacle neck comprise an outwardly extending finger cooperating with the fingers of said valve cap to limit rotation of said valve cap relative to the receptacle.

15. An incontinence management system according to claim 14, wherein the indexing elements of said valve cap further comprise locking tabs.

16. An incontinence management system according to claim 15, wherein the indexing elements of said receptacle neck further comprise complementary locking arrows frictionally engaging the locking tabs of said valve cap in a locked condition.

17. A rigid valve cap adapted for use in an incontinence device, said valve cap comprising:

(a) an internal check valve for controlling urine flow outwardly from and into the incontinence device;

- (b) multiple circumferentially-spaced indexing elements; and
- (c) said indexing elements cooperating to position said valve cap relative to the incontinence device, such that said check valve is locatable in a single operative orientation.

18. A valve cap according to claim 17, wherein said valve cap comprises an enlarged-diameter connecting portion adapted for receiving an open end of the incontinence device, and an integrally-formed, reduced-diameter cylindrical valve housing containing said check valve.

19. A valve cap according to claim 18, and comprising a perforated inlet wall formed within said valve housing.

20. A valve cap according to claim 19, wherein said check valve comprises a pivoted disk residing in a normally closed position seated against said perforated inlet wall to restrict back flow of fluid into the incontinence device, and when under a minimum crack pressure, said pivoted disk moving to a temporarily open position away from the perforated inlet wall to allow free fluid flow outwardly from the incontinence device.